

UTILITY TECHNICIAN 205

DEPARTMENT: James City Service Authority/Engineering

NATURE OF WORK:

Performs responsible technical work in the location of existing James City Service Authority underground utilities. Work is performed under the general supervision of the Engineering Specialist.

ESSENTIAL FUNCTIONS OF THE JOB:

Uses engineering drawings and specialized electronic equipment to locate existing James City Service Authority underground utilities.

Assists utility companies, contractors, developer representatives, JCSA personnel, and the general public in locating existing James City Service Authority underground utilities.

Uses independent judgement, experience and analysis as to possible methods of installation and pipe placement to locate plastic pipe which cannot be traced.

Records location of existing facilities on blueprints and maps.

Coordinates and documents requests for markings from "Miss Utility." Maintains computerized "Miss Utility" system.

Assists in the preparation of as-built drawings.

Corrects and updates existing as-built drawings, based on field observations.

Uses water system maps to assist in the development of a leak detection program for James City Service Authority.

Operates sanitary sewer television and specialized electronic and audio equipment to check lines for leaks, cracks, blockages, etc.

Meets with contractors, builders, utility companies, and the general public as necessary. Meets with contractors at time of excavation to advise and create drawings.

Inspects water meter boxes to assure boxes/connections are at JCSA standards before meter is installed.

Performs work safely in accordance with departmental safety procedures and the County Safety Program. Operates equipment safely and reports any unsafe work condition or practice to supervisor.

Performs related work as required.

WORK LOCATION AND EQUIPMENT OPERATED:

Duties are primarily performed in the field. Operates computer keyboard, computer, telephone, utility locating equipment. Drives County vehicle to construction or other work sites. Requires walking over rough terrain.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:

Considerable knowledge of water and sewer system construction.

General knowledge of specifications, technical literature, and ordinances.

Ability to read and interpret blueprints and maps.

Ability to operate specialized electronic and audio equipment, and computer equipment.

Ability to communicate effectively both orally and in writing.

Ability to prioritize and work under deadlines.

Ability to establish and maintain effective working relationships with contractors, utility companies, and the general public.

MINIMUM QUALIFICATIONS:

High school diploma or equivalent, preferably supplemented by courses in engineering or construction; and two years of experience in utility construction, cable installation, or related field; or any equivalent combination of acceptable education and experience providing the knowledge, abilities, and skills cited above.

NECESSARY SPECIAL QUALIFICATIONS:

Must possess a valid Virginia Driver's license and have an acceptable driving record based on James City County's criteria.